

20040213.qrp v03_n195.qrl.20040213

Date: Fri, 13 Feb 2004 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3195

QRP-L Digest 3195

Topics covered in this issue include:

- 1) [167837] Re: QRP MIA ?
by Michael Neverdosky <mikenever@earthlink.net>
- 2) [167838] Re: NE602 Availability
by "Brian Murrey" <brian@iquest.net>
- 3) [167839] OT: Need manual for Cushman CE-70
by "Jim Sheldon" <w0eb@cox.net>
- 4) [167840] Re: QRP MIA ?
by "Nick Kennedy" <wa5bdu@tcainet.net>
- 5) [167841] Suggestion - For a week lets avoid the negative and things off-topic
by "sjolin" <sjolin@swbell.net>
- 6) [167842] RE: [qrp-l] ARRL Membership?
by "Nick Kennedy" <wa5bdu@tcainet.net>
- 7) [167843] ELMER 160 PIC-EL & DDS (Past and Future)
by "Joe Mann" <joemann@chicagonet.net>
- 8) [167844] 28 foot fiberglass poles
by Michael Goins <mgoins@usa.net>
- 9) [167845] Re: Suggestion - For a week lets avoid the negative and things off-topic
by John Sielke <jsielke@pobox.com>
- 10) [167846] Re: Homebrewer Magazine/Up date
by "Dave Martin" <k2zu@seanet.com>
- 11) [167847] RE: BPL
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 12) [167848] RE: Loaded 1/2 wave end feed ant?
by "Nick Kennedy" <wa5bdu@tcainet.net>
- 13) [167849] Re: Fox - Fox Hunt Team Results...
by "Tom Palmer" <n1tp@swfla.rr.com>
- 14) [167850] Re: 28 foot fiberglass poles
by Richard Lim <richlim11@yahoo.com>
- 15) [167851] Re: QRP MIA ?
by "John J. McDonough" <wb8rcr@arrl.net>
- 16) [167852] Re: Suggestion - For a week lets avoid the negative and things off-topic
by Rick McKee <kc8aon@juno.com>
- 17) [167853] Re: Fox - Fox Hunt Team Results...
by "George, W5YR" <w5yr@att.net>
- 18) [167854] Re: BPL

- by Rick McKee <kc8aon@juno.com>
- 19) [167855] RE: Fox - Fox Hunt Team Results...
by "rattray" <rattray@accesscomm.ca>
- 20) [167856] Re: 28 foot fiberglass poles
by "Tim, N9PUZ" <n9puz@arrl.net>
- 21) [167857] Re: NE602 Availability
by John Somerville <forthman@shaw.ca>
- 22) [167858] Re: BPL
by "George, W5YR" <w5yr@att.net>
- 23) [167859] RE: Telescopic Poles -- Another Source
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
- 24) [167860] AL7FS receives BPL response from Alaska Senator Lisa Murkowski
by Jim Larsen <JimLarsen2002@alaska.net>
- 25) [167861] QRO vs QRP
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
- 26) [167862] RE: BPL
by ham@w3eax.umd.edu
- 27) [167863] Re: NE602 Availability
by "Leon Heller" <leon_heller@hotmail.com>
- 28) [167864] Re: NE602 Availability
by "Leon Heller" <leon_heller@hotmail.com>
- 29) [167865] / QRP Question
by "bill" <len@infinet.com>
- 30) [167866] RE: Fox - Fox Hunt Team Results...
by "Tom Palmer" <n1tp@swfla.rr.com>
- 31) [167867] KITS: DSW-II-30 and -80 / new support docs
by "Dave Benson" <nn1g@earthlink.net>
- 32) [167868] RE: BPL
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 33) [167869] RE: BPL
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
- 34) [167870] BPL Loss !!!
by tk <gamach1@ispwest.com>
- 35) [167871] Re: No more QRP column in QST?
by "Lau, Zack, W1VT" <w1vt@arrl.org>
- 36) [167872] RE: QRP MIA ?
by <ah7i@atl.org>
- 37) [167873] RE: BPL
by John Sielke <jsielke@pobox.com>
- 38) [167874] RE: BPL - call me Pollyanna
by "Noyce, Bill" <william.noyce@hp.com>
- 39) [167875] Re: morse code for @ (at) sign ??
by Ray Sills <raysills@1stconnect.com>
- 40) [167876] Fw: [KLQRP] FYBO 2004
by "John Paul Keon" <jpkeon@nc.rr.com>
- 41) [167877] WebEE Electrical Engineering
by "Ron McConnell" <rcmcc@earthlink.net>
- 42) [167878] Re: BPL - call me Pollyanna

- by "Goody K3NG" <k3ng@qrpis.org>
- 43) [167879] RF Exposure Compliance...
by "Dale Anderson \ (KB0VCC\)" <KB0VCC@Adelphia.Net>
- 44) [167880] WTB DDS daughtercard
by <n2go@arrl.net>
- 45) [167881] Rainbow tuner for 2004?
by "Brockwell, Stephen E. CECOM SEC FSSE GPI"
<steve.brockwell@us.army.mil>
- 46) [167882] AmQRP Tin Ear Receiver
by "Doug Hendricks" <ki6ds@dpol.net>
- 47) [167883] Re: Rainbow tuner for 2004?
by John Sielke <jsielke@pobox.com>
- 48) [167884] HAMCALC
by George Murphy <ve3erp@encode.com>
- 49) [167885] Tin Ear Receiver Addendum
by "Doug Hendricks" <ki6ds@dpol.net>
- 50) [167886] OT: Calipers and Micrometers
by <k6whp@verizon.net>
- 51) [167887] WTB WM-75
by Jack e wigal <kr8z1@juno.com>
- 52) [167888] Re: RF Exposure Compliance...
by Nelson Winter <thenels@go.com>
- 53) [167889] Re: OT: Calipers and Micrometers
by "Doug Hendricks" <ki6ds@dpol.net>
- 54) [167890] Re: / QRP Question
by Bruce Muscolino <w6toy@erols.com>
- 55) [167891] Re: OT: Calipers and Micrometers
by Bob KB2FEL <kb2fel@yahoo.com>
- 56) [167892] Re: OT: Calipers and Micrometers
by Ed Tanton <n4xy@earthlink.net>
- 57) [167893] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
by Bruce Muscolino <w6toy@erols.com>
- 58) [167894] Re: Calipers and Micrometers
by "Bill Jones" <kd7s@psnw.com>
- 59) [167895] Calipers and Micrometers [Small Parts Inc.]
by Chuck Carpenter <w5usj@9plus.net>
- 60) [167896] Re: RF Exposure Compliance...
by "George, W5YR" <w5yr@att.net>
- 61) [167897] Fiberglass Poles for Antennas
by Steve Lawrence <Steve.Lawrence@ITWFEG.COM>
- 62) [167898] Re: OT: Calipers and Micrometers
by Michael Neverdosky <mikenever@earthlink.net>
- 63) [167899] Re: Telescopic Poles -- Another Source
by "Jim Kjar" <jrkjar@eDirectLink.com>
- 64) [167900] Re: No more QRP column in QST?
by Bruce Muscolino <w6toy@erols.com>
- 65) [167901] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
by Bob Nielsen <nielsen@oz.net>

- 66) [167902] Re: No more QRP column in QST?
by John Sielke <jsielke@pobox.com>
- 67) [167903] Re: OT: Calipers and Micrometers
by <k6whp@verizon.net>
- 68) [167904] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 69) [167905] Re: BPL Loss !!!
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
- 70) [167906] Re: No more QRP column in QST?
by Bruce Muscolino <w6toy@erols.com>
- 71) [167907] Re: DX Fox Hunt Needed ??
by Curt Milton <wb8yyy@yahoo.com>
- 72) [167908] WTD: Supergainer converter PCB
by "Howard Kraus" <K2UD@adelphia.net>
- 73) [167909] Re: No more QRP column in QST?
by Rob Matherly <jimrob@jetnetinc.net>
- 74) [167910] Url for Tin Ear Receiver
by "Doug Hendricks" <ki6ds@dpol.net>
- 75) [167911] Homebrewer #2
by William K Penhallegon <w4stx@juno.com>

Date: Thu, 12 Feb 2004 18:31:47 -0500
From: Michael Neverdosky <mikenever@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [167837] Re: QRP MIA ?
Message-ID: <402C0CE3.B0603A76@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I *dreamed* about building one. :-))

michael N6CHV

"Hare,Ed, W1RFI" wrote:

> I remember that the Handbooks of the 60s had this really neat, really big and
really
> complex multi-band transmitter.
>
> Wanna' bet that less than 0.000001% of the ham population back then built one?
>
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111

> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
> >

Date: Thu, 12 Feb 2004 18:50:24 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <bhedges@nc.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [167838] Re: NE602 Availability
Message-ID: <0c3801c3f1c2\$fca929c0\$1d64030a@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Diz has the SA612AN at 5 for \$10.00 on his website.

<http://www.kitsandparts.com>

Diz is good folks...

72

----- Original Message -----
From: "Brad Hedges" <bhedges@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 12, 2004 4:48 PM
Subject: Re: NE602 Availability

> Nobody - now they're NE612's
>

> ----- Original Message -----
> From: "John Somerville" <forthman@shaw.ca>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, February 12, 2004 1:40 PM
> Subject: NE602 Availability
>

>
> > Who sells NE602s?
> >
> > Regards John VE7CFG
> >

>
>

Date: Thu, 12 Feb 2004 19:01:44 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "Four States QRP Group" <4sqrp@mailman.qth.net>,
 "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
Subject: [167839] OT: Need manual for Cushman CE-70
Message-ID: <IBEGLCMLCDHHEFLBPHBOMEKDBAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just managed to cabbage onto a super freebie. A friend of mine just gave me a Cushman CE-70, Frequency Selective Levelmeter. This is in effect a pretty good am/ssb/cw receiver that covers ELF through 25 or so MHz. Pretty much a general coverage receiver with switched AM/USB/LSB and lots of other bells & whistles. It looks as if it's been through the war, but it actually works though it's way out of calibration for frequency and the USB/LSB/CW filters are way out of whack, so I think the BFO needs alignment.

I need to locate a book I can either borrow and copy, or have someone copy it for me and I pay them for it. Anyone that can help, please email me off list.

Jim Sheldon, W0EB
Wichita, KS

w0eb@cox.net

Date: Thu, 12 Feb 2004 19:17:34 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <w5yr@att.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [167840] Re: QRP MIA ?
Message-ID: <004201c3f1cf\$29f25ee0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

George said:

"

Today, apart from our QRP building projects and the wonderful kits we have, the average ham is no longer interested in or capable of building a complex rig if even he find all the parts likely needed for one. It has become no longer economically feasible to build a multiband, multimode transceiver when you can buy an IC-718 for under \$500 and get 100 watts on all modes, etc.

"

Well George you've got 17 years on me (1945 Vs 1962), but 42 years ago I didn't see many (any, actually) people building complex rigs either. A few built their own TX, but that's about it. Of course, this is about the time frame that the phrase "plug-in appliance operator" was coined. How time flies!

As far as interest goes, I *do* see a lot of interest in building today. (Maybe it's just the company I keep.) True the "average" ham isn't interested now and wasn't interested then, but there's still a healthy subculture of builders. And as far as availability of parts and the ease of doing it, building seems to me to be much cheaper (relatively) and easier now than ever. Just another perspective.

72--Nick, WA5BDU

Date: Thu, 12 Feb 2004 19:17:23 -0600

From: "sjolin" <sjolin@swbell.net>

To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>

Subject: [167841] Suggestion - For a week lets avoid the negative and things off-topic

Message-ID: <07a601c3f1cf\$2387ea20\$78d1fea9@DaveSjolin>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

I'd like to offer a suggestion. How about for the next week or so we all forgo posting anything negative or off-topic and focus on qrp.

No complaints about contesting, no complaints about QST, ARRL, no code or lack of support for morse requirements, or just "things were better in the

old days" (they werent, Ive been ham 45 years).

If you really feel strongly about the issue, why dont you write someone who can do something about it like your ARRL Director, ARRL Headquarters, the FCC. Life is too short to read all this negativity all day long. This is supposed to be an enjoyable hobby.

73 de Dave, N0IT

Date: Thu, 12 Feb 2004 19:31:58 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <w2wurjj@verizon.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [167842] RE: [qrp-1] ARRL Membership?
Message-ID: <004301c3f1d1\$2c096d20\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of w2wurjj@verizon.net

"ARRL solicts technical and general interest articles but rejects true
accounts of Emergency Communications. Case in point: "Mayday", a
copywrited article that saved lives and highlighted international
cooperation."

Hey, they turned my article down too. You don't see me pouting!

"They repeat articles of "interest", yet overlook the works of Maxwell,
Kraus, et. al. Bottom Line"

Have Maxwell or Kraus submitted any new articles lately? By the way,
are you talking about James Clerk, or Walt? A little clarity please.
Maybe your article will be accepted next time.

72 and keep practicing that writing,

--Nick, WA5BDU

Date: Thu, 12 Feb 2004 19:37:28 -0600
From: "Joe Mann" <joemann@chicagonet.net>
To: "qrp-1" <qrp-1@Lehigh.edu>
Subject: [167843] ELMER 160 PIC-EL & DDS (Past and Future)
Message-ID: <005601c3f1d1\$f0cafe80\$1603bb42@joeii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Let me start by saying that I have not reviewed code or researched the possibilities put forth below. I am not trying to have anyone 'DO' my work. What I am trying to do is set a focus on some directions this group may want to look at as we move forward.

Some comments about the PIC-EL and DDS daughtercard:

Past:

It really -IS- fun to work on a pcb with a soldermask, plated-thru holes, etc.

Kudos to the HW & SW designers, managers, kit assemblers, et al. WELL DONE!

The small number of suggestions and observed problems posted on the list concerning kit assembly and checkout are indicative of the quality of your work.

I might add that I chose to put a 3-pin male header for the crystal connection in lieu of soldering the crystal to the board. This allows the quick swap of a 10 mHz, 20 mHz, or other special crystal for the current 4 mHz one. For 18 pin MCUs like the PIC16F88 which have an internal RC oscillator, one may have to disconnect/remove the external crystal so to use the internal one.

I did have some problem getting the DDS board going using the PC-based checkout software. The voltages seemed OK and the AD9850 input pins all changed state as expected but no joy!

However, direct connection to the PIC-EL worked first time as advertised. I need to go back and put a scope to the interface to see

what really is going on. I suspect the cabling or my PC's motherboard I/O ports may not be up to snuff.

Future:

I am sure some of us will want to increase the display 'bandwidth', i.e. go to 2 or 4 line or longer display lines. I suspect the existing header or a suitable cable will allow us to utilize larger displays. If we try to share code it will be in our best interests to code in a modular fashion so that going back and forth on display sizes is nothing more than cut and paste, the change of an include file, etc.

I would like to somehow improve upon the performance of the encoder! Among other things, my PIC-EL/DDS is to be a replacement for a DIGI-VFO (QST 1995-6) which uses a Grayhill optical encoder which is very smooth and accurate. Unfortunately its price seems to have increased over time rather than decreased. Is there any hope of modifying the HW/SW so that the current PIC-EL encoder (Anyone know its brand & model?) will not continue to be inconsistent. What other choices are available (for less than \$64.00)?

A suggestion for the manipulation of the step size of the DDS. In PICELgen PB1 is used after boot-up to step 10 kHz rather than the regular 1 Hz.

I suggest that PB1 be used to set a stepsize of 1 Hz, 10 Hz, 100 Hz, 1 kHz, 10 kHz, 100 kHz or 1 MHz by repeated pressing of the button, looping back to 1 Hz after 1 MHz. The stepsize could then be stored in the eeprom just like the startup frequency. The stepsize would be used in the PB1-2 increment/decrement process.

The problem is how to show the current stepsize value. The 8 character display currently has no additional space. Some possible get-arounds might be to identify the stepsize position by underline or periodically blink/blank/reverse image; go to a bigger display; hold down PB1 for 2 seconds to get stepsize display, refresh frequency display when released.

The AD9851 is pin for pin compatible with the AD9850, except it has the additional capability of multiplying the input clock up to 6 times with a max of 180 MHz. The multiplication factor for the 9851 is in several bits which are unused in the 9850 control byte. I suspect the daughtercard may support the 9951 with minor HW/SW changes.

A place to put an external oscillator/clock input jack on the daughtercard replacing the current 100 MHz external clock oscillator unit might be an easy and cheap addition. (I think a 50 Ohm resistor to ground may also be required if trying to feed from an external

oscillator.) This could be used for clocking from an ovenized highly stable oscillator.

Enough rambling. Enjoy your new toy(s), it'll interesting to see all the varied applications which will come from such a large group of experimenters.

Good luck, Joe, K9HDE

PS After a warm-up period of about 15 minutes my PIC-EL/DDS remains within 1 Hz of WWVB on 60 kHz for hours at a time, prior to attempting to adjust the OSCCAL parameter.

Date: Thu, 12 Feb 2004 20:06:47 -0600
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [167844] 28 foot fiberglass poles
Message-ID: <371iBmcgv5920S16.1076638007@uwdvg016.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

This company has 28 foot poles like the SDs, but much thicker at the tip.=
=

<http://www.tim.mcdonough.net/>

mike
k5wmg

Date: Thu, 12 Feb 2004 21:08:15 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [167845] Re: Suggestion - For a week lets avoid the negative and things off-topic
Message-ID: <402C318F.1020601@pobox.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

>
>
>I'd like to offer a suggestion. How about for the next week or so we all
>forgo posting anything negative or off-topic and focus on qrp.
>
>No complaints about contesting, no complaints about QST, ARRL, no code or
>lack of support for morse requirements, or just "things were better in the
>old days" (they werent, Ive been ham 45 years).
>
>If you really feel strongly about the issue, why dont you write someone who
>can do something about it like your ARRL Director, ARRL Headquarters, the
>FCC. Life is too short to read all this negativity all day long. This is
>supposed to be an enjoyable hobby.
>

Ah yes, the old "Bury your head in the sand" theory. Hey, why not?

John W2AGN

Date: Thu, 12 Feb 2004 18:31:41 -0800
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [167846] Re: Homebrewer Magazine/Up date
Message-ID: <000601c3f1d9\$8427bd60\$1ccd4b43@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug told me about your posting to the QRP-L reflector.
I can see why my ad running twice the same would cause
a bit of a stir and raise some questions!

I'm not subscribed to that list at this time (no time to read it!).
I thought I'd reply to you personally to ask if you would be so
kind as to send a follow up email to the list with the
real insider information. If you could do that for me, I would
really appreciate it (we could be talking discount here.... ;)

Here are the facts:

The adverts are indeed pre-paid. The inside front cover belongs to RHR for the foreseeable future (I'm not going to sublet it, so don't ask!). Although RHR is still officially closed at this time, I thought it prudent to grab the advert spot while I could, as a placeholder, since I knew that it would be a valuable advertizing asset that I would make good use of when I eventually got back into the business. As you can guess, a full-page color ad is not inexpensive, but I figured that it was still worth it even if I couldn't use it fully for the first few issues.

I just got too busy and simply missed the publication deadline for Homebrewer #2. My real work for Broadcom prevails, I'm afraid. I believe I may have also missed the publication deadline for Homebrewer #3. Whoops! I have an email in to the AmQRP organization to find out if this is the case.

I do plan to re-open RHR shortly. I am modifying the RH-20 and RH-40 kits and will be offering these again soon. Additionally, I will be offering the SMK-1 kit and have several other ideas in the pipeline.

To summarize, there is a pulse still at RHR and we're still breathing (actually, we have continued to sell BLA-2000 attenuators to the DSL/phone industry throughout our shutdown period). Keep your eyes and ears open for more news soon.

72, Dave Fifield, AD6A

Dave K2ZU

Date: Thu, 12 Feb 2004 21:22:56 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: dswenson@wearne.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167847] RE: BPL
Message-ID: <Pine.GS0.4.58.0402122117340.28399@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 12 Feb 2004 dswenson@wearne.net wrote:

> Well... the commission approved the NPRM for BPL today... 4 1/2 to 1/2
> (Commissioner Copps partially dissented on a regulatory issue unrelated to
> interference.)

>
> Listening to the cheerleading from the commission and staff was interesting.
>
> The staff claims the rules will identify and mitigate any interference.
>
> The whistle is blowing on the freight train... get out of the way!!!

And, looking at this list, it appears that a large majority of folks don't really care....other wise they might ask what we can do to stop BPL, who we should contact, what other spectrum users are affected, on and on.

I guess when BPL wipes out HF, the folks on this list that didn;t show much interest can all talk to each other about the pre-bpl days, or use the internet for simulated SSB contacts.

Who knows, maybe the existing ham radio manufacturers can produce BPL transceivers that we can hook up to out AC sockets to QSO each other.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Thu, 12 Feb 2004 20:22:47 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <kd1jv@moose.ncia.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [167848] RE: Loaded 1/2 wave end feed ant?
Message-ID: <004601c3f1d8\$45c145b0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'd wondered about this myself, being a new convert to the allure of the end fed half wave. Can we shorten it, bring it back to resonance with inductive loading, and enjoy the same benefits?

In figure 22 of my 1999 ARRL Antenna Handbook, I see a plot of feedpoint impedance for a vertical monopole as frequency (or length) varies over a wide range. When it's a half wave in length, we're talking pretty much apples and apples, except that the restriction to vertical orientation may have some effect.

OK. At the half wave point, the feedpoint Z is about 2500 to 3000 ohms

and purely resistive as expected. As you initially move away from 1/2 wave (getting shorter), resistance holds pretty constant while capacitive (negative) reactance shoots up pretty fast. Just what we want. But this only holds until about a 5% change or so. Then reactance has peaked and begins to decline as the antenna gets shorter. But more significantly, resistance also begins to rapidly decrease as we head toward quarter wave resonance. We don't want that, or we lose the benefit of high voltage, low current feedpoint which makes fancy radials and/or ground systems mostly unnecessary. Phooey!

Steve proposed loading somewhere in the middle instead of the end. Are there thumb rules for the effect of doing that? Or do you need some NEC or W7EL type program to figure it out? I'm not up to speed on that issue.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Steven Weber

A 1/2 wave end feed wire for 20 M is pretty managable, as it's only 32 or so feet long. But on 40, it's now 64 feet long. So, I was wondering, how about a loading coil, say in the middle of the 32 foot, 20 meter wire to make it work on 40?

72,

Steve, KD1JV

"Melt Solder"

Date: Thu, 12 Feb 2004 21:36:41 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [167849] Re: Fox - Fox Hunt Team Results...
Message-ID: <000301c3f1da\$51e17340\$9b330843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

What's this about the "Raiders" getting a Clean Sweep?!

This is unheard of!

Tom, N1TP

Naples, Florida

Date: Thu, 12 Feb 2004 20:41:47 -0600
From: Richard Lim <richlim11@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167850] Re: 28 foot fiberglass poles
Message-ID: <2B4D9184-5DCE-11D8-B1CE-000A95B92C0E@yahoo.com>
Mime-Version: 1.0 (Apple Message framework v612)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I agree with Mike. This is a really sturdy mast. The tip section is thicker than my DK9SQ, however as a tradeoff, the mast is 5ft shorter.

Rich

72/73 DE KQ9L K1 #1669, K2 #3232
KX1 #21, FIST 10193, FP 548,
QRP ARCI 11129
On Feb 12, 2004, at 8:06 PM, Michael Goins wrote:

> This company has 28 foot poles like the SDs, but much thicker at the
> tip.
> <http://www.tim.mcdonough.net/>
>
>

Date: Thu, 12 Feb 2004 21:57:01 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <mikenever@earthlink.net>
Subject: [167851] Re: QRP MIA ?
Message-ID: <003601c3f1dd\$0e3ef7e0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Exactly, Michael. Many, many a night I spent poring over my dog-eared handbook drooling at rigs that other people could build. But not only were they way too complicated for me, but there were very real, practical limitations.

Lots of people bemoan the loss of some of the old suppliers, but today's suppliers are 1000% better. We used to have to pay horrible prices for parts, and even more horrible prices for shipping, and then wait for MONTHS for the parts to arrive, only to find out that some critical piece was backordered. Collecting parts for even a simple project was a multiple-year exercise.

In the unlikely event that I could collect all the parts, there was another problem. Their chassis were steel, baby. None of this wussy plastic or aluminum. Yeah, they had aluminum, but who could afford it? You needed to be a regular machinist to work them. Chances are the chassis was half rusted before you got the holes in it for the tubes.

There was another problem, too. Even the simplest project always had to have an accompanying power supply that was at least as complicated as the rig. None of this standard 12 volt stuff -- every bloody power supply was unique.

And could you get help? Without the Internet, I didn't know of a single ham who actually built stuff. Dealing with the dangerous voltages, working the difficult machining problems, locating parts from suppliers across the country, that had to be done all on your own.

No sirrrreee, anyone who thinks somehow building was easier in the good old days just plain wasn't there, or slept through it.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Michael Neverdosky" <mikenever@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 12, 2004 6:31 PM
Subject: Re: QRP MIA ?

> I *dreamed* about building one. :-))
>
> michael N6CHV
>
> "Hare,Ed, W1RFI" wrote:
>
> > I remember that the Handbooks of the 60s had this really neat, really
big and really
> > complex multi-band transmitter.
> >
> > Wanna' bet that less than 0.000001% of the ham population back then

built one?

> >
> > Ed Hare, W1RFI
> > ARRL Lab
> > 225 Main St
> > Newington, CT 06111
> > Tel: 860-594-0318
> > Internet: w1rfi@arrl.org
> > Web: <http://www.arrl.org/tis>
> >
> > >
>

Date: Thu, 12 Feb 2004 22:01:41 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [167852] Re: Suggestion - For a week lets avoid the negative and things off-topic
Message-ID: <20040212.220153.10054.3.kc8aon@juno.com>

On Thu, 12 Feb 2004 19:17:23 -0600 "sjolin" <sjolin@swbell.net> writes:
>I'd like to offer a suggestion. How about for the next week or so we all
>forgo posting anything negative or off-topic and focus on qrp.

Yeah ! Nothing but QRP, no computers, no qrp junk, nothing that isn't related to QRP !

>No complaints about contesting, no complaints about QST, ARRL, no code
or
>lack of support for morse requirements, or just "things were better in
the
>old days" (they werent, Ive been ham 45 years).

And nothing about the fact that CW is related to QRP, no discussions about contests & scores ! Nothing but QRP !

> Life is too short to read all this negativity all day long. This is supposed to be an enjoyable >hobby.

Yeah, lets all hide in our holes, maybe reality will go away !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1

Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
Without CW, it's only CB ! KNOW code - not - NO code !

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 12 Feb 2004 21:09:51 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Tom Palmer" <n1tp@swfla.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [167853] Re: Fox - Fox Hunt Team Results...
Message-ID: <027c01c3f1de\$ecb7d450\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gotta do something about this!

And, Tom, you keep blaming the Pesky Texans for our location!

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 12, 2004 8:36 PM
Subject: Re: Fox - Fox Hunt Team Results...

> What's this about the "Raiders" getting a Clean
> Sweep?!
> This is unheard of!
>
> Tom, N1TP
> Naples, Florida
>

Date: Thu, 12 Feb 2004 22:11:58 -0500

From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [167854] Re: BPL
Message-ID: <20040212.221818.10054.4.kc8aon@juno.com>

On Thu, 12 Feb 2004 21:22:56 -0500 (EST) "Thom R. Lacosta"
<lacosta@bcpl.net> writes:

>I guess when BPL wipes out HF, the folks on this list that didn;t show
>much interest can all talk to each other about the pre-bpl days, or
>use the internet for simulated SSB contacts.

It's common practice for some folks to look the other way in hopes that
their problems will go
away ! But they'll have plenty of excuses why it wasn't their fault when
it doesn't !

>Who knows, maybe the existing ham radio manufacturers can produce BPL
>transceivers that we can hook up to out AC sockets to QSO each other.

I knew we could defeat them darn antenna restrictions someway ! But it
sure would put a big dent in the operations of your average backpacking
qrp'er ! Sure would take a long extension cord !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
Without CW, it's only CB ! KNOW code - not - NO code !

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 12 Feb 2004 21:54:27 -0600
From: "rattray" <rattray@accesscomm.ca>
To: <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [167855] RE: Fox - Fox Hunt Team Results...
Message-ID: <000801c3f1e5\$16ca3020\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

...and I'm not going to tell you how we did it!...heh,heh,heh...have some Madeira ma dear!! ;-)...72 Bruce ve5rc/ve5qrp -clue- we're not called the Raiders of the Lost RF for nothin' eh!?!...

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of George, W5YR
Sent: Thursday, February 12, 2004 9:10 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Fox - Fox Hunt Team Results...

Gotta do something about this!

And, Tom, you keep blaming the Pesky Texans for our location!

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, February 12, 2004 8:36 PM
Subject: Re: Fox - Fox Hunt Team Results...

> What's this about the "Raiders" getting a Clean
> Sweep?!
> This is unheard of!
>
> Tom, N1TP
> Naples, Florida
>

Date: Thu, 12 Feb 2004 22:19:43 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167856] Re: 28 foot fiberglass poles
Message-ID: <2004212221943.519460@arthur>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

On Thu, 12 Feb 2004 20:41:47 -0600, Richard Lim wrote:
> I agree with Mike. This is a really sturdy mast. The tip section
> is thicker than my DK9SQ, however as a tradeoff, the mast is 5ft
> shorter.
>
> On Feb 12, 2004, at 8:06 PM, Michael Goins wrote:
>> This company has 28 foot poles like the SDs, but much thicker at
>> the tip. <http://www.tim.mcdonough.net/>

At this time I am out of the 28-foot poles. Unfortunately I don't anticipate having them in stock again until sometime in April.

Tim, N9PUZ
<http://www.tim.mcdonough.net>

Date: Thu, 12 Feb 2004 20:26:22 -0800
From: John Somerville <forthman@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [167857] Re: NE602 Availability
Message-ID: <402C51EE.3000108@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Thanks to all for the info.

Regards John VE7CFG

>
>

Date: Thu, 12 Feb 2004 22:51:37 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kc8aon@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [167858] Re: BPL
Message-ID: <02b101c3f1ed\$200f6990\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I suspect that every licensed ham in the US could have threatened to vote the straight Democratic ticket in protest of BPL adoption if the Republican-dominated FCC adopted it, and it would not have made the slightest difference in the outcome.

If the concerns of FEMA and NTIA could not affect the outcome thus far, I fear that the amateur community had a very small voice indeed in the proceedings. The fact that the FCC would go ahead with this in the face of refusals by Austria and Japan speaks volumes.

Now comes the wait to see what actual rules are written, especially concerning interference with other licensed services, and then to what extent they are enforced. The extent to which Part 15 rules will be relaxed to accommodate BPL is another area to watch.

There is always the possibility that Congress may take a dim view of this BPL adoption if enough constituents are denied AM broadcast radio and/or CB operation is virtually shut down, among other issues. The lower broadcast TV channels may have some competition as well.

Another promising thought and potential reality is that power companies may come to the rude awakening that installing BPL is going to be an expensive proposition. It will require real humans to go to every pole pig at every customer's location to install equipment, plus cleaning up the distribution line to be rid of broadband powerline noise in that area. A single customer could require rework of distribution circuits in a large area in order to provide service.

Finally, either not addressed or disregarded is the other side of this coin: what happens when a licensed service, such as an amateur running a 1500 watt transmitter fires up and wipes out an entire neighborhood's data service. Remember, they will be Part 15 and must accept any interference - as the regulations read so far . . .

Interesting times ahead, and I really don't think that this is the catastrophe that first appears to be. Either it will work in concert with licensed services or it will not. And if not, the fallout will be far more than the FCC and the administration will be willing to suffer.

"We shall see . . ."

73, George W5YR
w5yr@att.net

Date: Fri, 13 Feb 2004 01:24:23 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <w5usj@9plus.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [167859] RE: Telescopic Poles -- Another Source
Message-ID: <000f01c3f1fa\$0a934ed0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks for the source. There are a couple of poles I am interested in myself. I purchased a 16' South Bend Crappie Pole for ~\$18.00-\$20.00 the other day from Walmart. I see them in several stores. I talked to one of the sales staff and she said I was the second person this week that bought a crappie pole for antennas. Lol

Thanks again,

Hopefully Walmart will be useful info for someone.

Buck

> -----Original Message-----
> From: Chuck Carpenter [mailto:w5usj@9plus.net]
> Sent: Thursday, February 12, 2004 5:00 PM
> To: Low Power Amateur Radio Discussion
> Subject: Telescopic Poles -- Another Source
>
>
> Got the latest catalog from IntoTheWind kite folks.
>
> On page 72 they are showing a variety of telescopic poles in
> two strengths, flexible and heavy duty. The materials are
> brown and black fiberglass and collapse to about 4 ft.
>
> They show 4 lengths of flexible at 10, 13, 16 and 19 ft
> priced at \$15, \$18, \$20 and \$26 respectively.
>
> The heavy duty poles are in lengths of 10, 13, 16, 19 and 22
> ft priced at \$20, \$25, \$29, \$39 and \$49 respectively.
>
> You probably can find them on their website too --
<http://www.IntoTheWind.com>

I've experienced good service from them with web purchases of fiberglass kite spars that I used for V/UHF quad spreaders.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57 Zombie
#759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Thu, 12 Feb 2004 21:58:59 -0900
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [167860] AL7FS receives BPL response from Alaska Senator Lisa Murkowski
Message-ID: <402C75B3.90200@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

This is the response I received from Alaska Senator Lisa Murkowski.

=====
United States Senate
Washington, DC 20510-0203
(202)224-6665
(202)224-5301 FAX

January 21, 2004

Mr. James Larsen
3445 Spinnaker Drive
Anchorage, Alaska 99516

Dear James:

Thank you for visiting the Congressional Delegation's booth at the State Fair in Palmer this past August and communicating your concerns about Broadband Over Power Line (BPL) issues.

Radio has played a vital part of Alaska's history, and because of Alaska's unique topography, radio remains an asset to Alaskans, Alaska's emergency response, and our military. Ensuring amateur radio operators' ability to transmit and receive broadcasts over ham bandwidths, including high-frequency and short-wave, without additional frequency interference caused by potential transmissions over power lines is an issue the Federal Communication Commission (FCC) must take into account. The National

Telecommunications and Information Administration is expected to come out with its first report on BPL emissions this winter to address local interference problems and recommend emission limits and compliance measurement procedures.

Additionally, legislation was introduced in the Senate to ensure continued broadband access for amateur radio operators. S.537, the Amateur Radio Spectrum Protection Act, would protect radio operators as radio technology develops. S.537 would prohibit the FCC from decreasing or reallocating bandwidth with regard to amateur radio and amateur satellite services unless equivalent replacements are provided. Should additional legislation related to BPL and transmission noise be considered, I will keep your thoughts in mind.

I have included a CD ROM about the current issues of amateur radio which I hope will be of interest to you. Again, thank you for contacting me.

Sincerely,

Lisa Murkowski
United States Senator

=====
73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>
Join Anchorage ARC: <http://www.KL7AA.org>

Date: Fri, 13 Feb 2004 02:20:19 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [167861] QRO vs QRP
Message-ID: <001201c3f201\$daedc310\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have two rigs and one antenna here. A Swan 350 and a Heathkit HW-7. My Swan is setup normally, but occasionally, I connect the Heathkit for some QRP, but the preselector tunes broadcast stations so it is difficult at best to use.

I have been reading the mail on the QRP community. Everything from the fox hunts to homebrew kits, to antennas, etc. has been both enlightening and interesting. I have certainly renewed my interest in QRP and pedestrian portable/mobile operation.

I have been reading a lot about fox hunts. It seems that the fox hunts you are describing is much different from the ones I saw about 15 years ago. (lol, things never change-right!) I believe to simplify what I have learned, the rules are that a fox transmits on a certain frequency but listens to a small spectrum of frequencies for other QRP stations (hounds) but moves around as to where he/she (the fox) is listening. If that is the case, how does one use a single VFO rig for such an event? I don't know how I would make it with my old gear.

I am working on putting together a portable kit with my HW-7 (for starters, I hope to replace it with something better later.) The kit will include the rig, power source, portable antenna and portable key & logbook in some kind of portable case either backpack or briefcase. For some reason, I can't see myself talking from my Swan while walking thru the woods.

I am getting lots of good ideas from you folk. Any other suggestions are welcome.

Thanks

Buck

Date: Fri, 13 Feb 2004 02:14:02 -0500 (EST)
From: ham@w3eax.umd.edu
To: "Thom R. Lacosta" <lacosta@bcpl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [167862] RE: BPL
Message-ID: <Pine.LNX.4.44.0402130213410.12425-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've already written three letters - to the FCC, to my senators, and to my congressman.

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car

ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Thu, 12 Feb 2004, Thom R. Lacosta wrote:

> On Thu, 12 Feb 2004 dswenson@wearne.net wrote:
>
> > Well... the commission approved the NPRM for BPL today... 4 1/2 to 1/2
> > (Commissioner Copps partially dissented on a regulatory issue unrelated to
> > interference.)
> >
> > Listening to the cheerleading from the commission and staff was interesting.
> >
> > The staff claims the rules will identify and mitigate any interference.
> >
> > The whistle is blowing on the freight train... get out of the way!!!
>
> And, looking at this list, it appears that a large majority of folks don't
> really care....other wise they might ask what we can do to stop BPL, who
> we should contact, what other spectrum users are affected, on and on.
>
> I guess when BPL wipes out HF, the folks on this list that didn;t show
> much interest can all talk to each other about the pre-bpl days, or use
> the internet for simulated SSB contacts.
>
> Who knows, maybe the existing ham radio manufacturers can produce BPL
> transceivers that we can hook up to out AC sockets to QSO each other.
>
>
> Thom
>
> <http://www.baltimorehon.com/> Home of the Baltimore Lexicon
> <http://www.tlchost.net/> Web Hosting as low as 3.49/month
>

Date: Fri, 13 Feb 2004 11:14:38 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <forthman@shaw.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [167863] Re: NE602 Availability
Message-ID: <BAY12-DAV459ThWeul40003330a@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "John Somerville" <forthman@shaw.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, February 12, 2004 6:40 PM
Subject: NE602 Availability

> Who sells NE602s?

Farnell should have the SA612.

73, Leon

--

Leon Heller, G1HSM
Email: aqzf13@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Fri, 13 Feb 2004 11:16:49 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <bhedges@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [167864] Re: NE602 Availability
Message-ID: <BAY12-DAV60gMnc0f0n00033261@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Brad Hedges" <bhedges@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, February 12, 2004 9:48 PM
Subject: Re: NE602 Availability

> Nobody - now they're NE612's

They've been SAxxx since Philips took Signetics over.

Leon

--

Leon Heller, G1HSM
Email: aqzf13@dsl.pipex.com

My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Fri, 13 Feb 2004 06:21:46 -0500
From: "bill" <len@infinet.com>
To: qrp-l@Lehigh.EDU
Subject: [167865] / QRP Question
Message-ID: <200402131121.i1DBlk5q046807@mail5.mx.voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Been a while since I operated.
Remember some debate a while ago about signing /qrp at the end of your
cw call.
Had the list on postpone for a long time and never saw the conclusion
of this debate.
What was the bottom line on this?
Thanks.

73

Bill Touth
W8VQ Columbus, Ohio
w8vq@arrl.net
CW - HF Digital Modes - Packet
FISTS # 2134 ARCI QRP # 9025 QRP-L # 841
CQrp (Columbus QRP Club)

Date: Fri, 13 Feb 2004 06:49:31 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [167866] RE: Fox - Fox Hunt Team Results...
Message-ID: <000301c3f227\$71575120\$9b330843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The "Raiders" also managed a "Clean Sweep" in Hunt
32 (KV2X).

Something is going on here. I demand a full investigation!

Tom, N1TP
Naples, Florida

Date: Fri, 13 Feb 2004 06:30:15 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [167867] KITS: DSW-II-30 and -80 / new support docs
Message-ID: <000701c3f23d\$e695a700\$0b644b43@pavilion.aolds1.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang-

I'm pleased to announce that the 30 Meter and 80 Meter versions of the DSW-II series are now available.

I've updated the website to reflect availability of these versions, and limited quantities of both have already been shipped. I've also added a new documentation section- this page provides links to all versions of the DSW-II series instructions in .pdf format.

http://smallwonderlabs.com/DSW_Docs.htm

Also featured therein- a summary of changes introduced into early versions of DSW-II-20. If you're wondering whether you have the latest, this summary describes 'wrinkles' in early production and their corrective actions.

Lead times on this series have been shrinking- we're currently kitting orders received in early January, so that situation is improving. Thanks to all for your patience and understanding.

Thanks for the commercial bandwidth-

73, Dave

Dave Benson, K1SWL
dave@smallwonderlabs.com
<http://smallwonderlabs.com>

Tel. 860-537-8031

Date: Fri, 13 Feb 2004 06:56:29 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: ham@w3eax.umd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167868] RE: BPL
Message-ID: <Pine.GSO.4.58.0402130653210.21959@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Feb 2004 ham@w3eax.umd.edu wrote:

> I've already written three letters - to the FCC, to my senators, and to my
> congressman.

If you'd care to share, I'd be happy to put the content up on the QRP Web
Ring Home Page(www.zerobeat.net/qrp/).

I thinks the letters may be more productive that email.

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Fri, 13 Feb 2004 07:44:33 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [167869] RE: BPL
Message-ID: <000401c3f22f\$26062ef0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Your url didn't come up for me. You might want to check it out.

Where do you operate mobile? Do you ever run counties for the Mobile
Emergency and County Hunter's Net?

Buck

> -----Original Message-----
> From: ham@w3eax.umd.edu [mailto:ham@w3eax.umd.edu]
> Sent: Friday, February 13, 2004 2:14 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: BPL
>
>
> I've already written three letters - to the FCC, to my
> senators, and to my congressman.
>
> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
>
> On Thu, 12 Feb 2004, Thom R. Lacosta wrote:
>
> > On Thu, 12 Feb 2004 dswenson@wearne.net wrote:
> >
> > > Well... the commission approved the NPRM for BPL today...
> > > 4 1/2 to
> > > 1/2 (Commissioner Copps partially dissented on a regulatory issue
> > > unrelated to
> > > interference.)
> > >
> > > Listening to the cheerleading from the commission and staff was
> > > interesting.
> > >
> > > The staff claims the rules will identify and mitigate any
> > > interference.
> > >
> > > The whistle is blowing on the freight train... get out of
> > the way!!!
> >
> > And, looking at this list, it appears that a large majority
> > of folks
> > don't really care....other wise they might ask what we can
> > do to stop
> > BPL, who we should contact, what other spectrum users are
> > affected, on
> > and on.
> >
> > I guess when BPL wipes out HF, the folks on this list that
> > didn;t show
> > much interest can all talk to each other about the pre-bpl days, or
> > use the internet for simulated SSB contacts.
> >

> > Who knows, maybe the existing ham radio manufacturers can
> produce BPL
> > transceivers that we can hook up to out AC sockets to QSO
> each other.
> >
> >
> > Thom
> >
> > <http://www.baltimorehon.com/> Home of the
> Baltimore Lexicon
> > <http://www.tlchost.net/> Web Hosting as low as
> 3.49/month
> >
>
>
>
>

Date: Fri, 13 Feb 2004 07:48:15 -0500
From: tk <gamach1@ispwest.com>
To: QRP-L reflector <qrp-l@lehigh.edu>
Subject: [167870] BPL Loss !!!
Message-ID: <402CC78F.6040208@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Today's Atlanta Constitution (FRIDAY the 13th !!) has an article on
Powell's BPL
that says the HF radio community has lost !!!

Ted in Atlanta KD4EE

Date: Fri, 13 Feb 2004 08:10:39 -0500
From: "Lau, Zack, W1VT" <w1vt@arrl.org>
To: <qrp-l@Lehigh.EDU>
Subject: [167871] Re: No more QRP column in QST?
Message-ID: <721D3436A7C2B344A301FD4A413C71A901CB550B@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Hi Bruce,

As our contribution to QRP last year,=20
we spent \$40 on coffee, donuts and OJ, and opened
up the doors of ARRL HQ for the August 2003 QRP
New England club meeting.

Zack W1VT + Mary N1VH

Date: Fri, 13 Feb 2004 08:13:19 -0500 (EST)
From: <ah7i@atl.org>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [167872] RE: QRP MIA ?
Message-ID: <Pine.LNX.4.33.0402130759130.31465-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Plenty of people built stuff and plenty still do.

Sure, I did not construct the most complex projects in the handbook
because the parts were very expensive and they required a lot of tools
that I did not have access to. However, I studied them as did many hams.
Then we used some of the ideas in other projects or for improving older
commercial gear. Why build a whole receiver using a 7360 product detector
when you've already got a nice receiver that can be improved by adding
one? Why build a big fancy bandswitching 450W transmitter when you only
want more power on your favorite band (40m). and so on...Yes, I built
stuff and most of the hams I knew built stuff.

Once again, I suggest offering members the option of either QEX or QST as
their included periodical. As far as league business, it's all on the web
site. This isn't forcing "unpopular" stuff into QST, it's offering those
of us who find QST less interesting than last years phonebook an
alternative.

73,
-bob
ah7i

On Thu, 12 Feb 2004, Hare,Ed, W1RFI wrote:

> > It has become no longer economically feasible to build a multiband, multimode
> > transceiver when you can buy an IC-718 for under \$500 and get 100 watts on all
> > modes, etc.
>
> I remember that the Handbooks of the 60s had this really neat, really big and
really
> complex multi-band transmitter.
>
> Wanna' bet that less than 0.000001% of the ham population back then built one?
>
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
> >
>

Date: Fri, 13 Feb 2004 08:57:45 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [167873] RE: BPL
Message-ID: <402CD7D9.6050904@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Folks, all this talk of BPL is very negative. This is our week for
sweetness and light. The sun is shining, the birds are....well, the
birds are kinda cold, but they are HAPPY cold!
Worked a couple stations on 20M with my Tiny Tornado.. Finished my
'Tenna Dipper, and t WORKS!

There, now doesn't that feel better?

John (Mr. Optimist) W2AGN

Date: Fri, 13 Feb 2004 08:59:13 -0500
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-l@Lehigh.EDU>
Subject: [167874] RE: BPL - call me Pollyanna
Message-ID:
<6D6463F31027B14FB3B1FB094F2C7447047DA096@tayexc17.americas.cpqcorp.net>
Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

> And, looking at this list, it appears that a large majority of folks
don't
> really care....

I filed comments a few months ago...

I haven't listened to the proceedings, and AFAIK the NPRM isn't yet
available. But looking at the ARRL's own summary, it seems like the
actions are:

- some kind of change in the way radiation from carrier-current
systems
 will be measured. (ARRL had asked for a change; it's not clear
 whether the proposal moves toward or away from ARRL's position.)
- a requirement that BPL operators be able to selectively turn off
parts of the system or notch out certain bands.
- a requirement that BPL systems transmit identification of some kind.
- reaffirmation that Part 15 devices must avoid interfering with
licensed services, or else shut down entirely (regardless of
whether their emissions are within the measurement limits).

Frankly, I don't see any evidence that the sky is falling.

Can someone explain what I'm missing?

-- Bill

Date: Fri, 13 Feb 2004 09:24:09 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [167875] Re: morse code for @ (at) sign ??
Message-ID: <49A53988-5E30-11D8-865D-000393D49C6C@1stconnect.com>
Mime-Version: 1.0 (Apple Message framework v612)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I agree! I think of it more as WR than AC. But, if I were to wager, I'd bet that people are just using the word "at". It even uses fewer morse elements.

73 de Ray
K2ULR
FN20t1

On Feb 11, 2004, at 11:11 PM, Lloyd Lachow wrote:

```
> --- John Harper AE5X <john@ae5x.com> wrote:
>> di-dah    dah
>>
>> John Harper AE5X
>> Outdoor QRP & 80-Meter DXing:  http://www.ae5x.com
>>
>>
>
> Actually, the thing you seek is AC, sent as a
> prosign. Some, such as me, find it easier to think of
> as WR. But I doubt I'd ever use it. Then I'd have to
> spend a lot of dits and dahs explaining what I meant.
>
>    LL
>
>
> -----
> Do you Yahoo!?
> Yahoo! Finance: Get your refund fast by filing online.
> http://taxes.yahoo.com/filing.html
>
```

```
-----
Date: Fri, 13 Feb 2004 09:44:11 -0500
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [167876] Fw: [KLQRP] FYBO 2004
Message-ID: <019701c3f23f$d888a0c0$6601a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
             charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
```

Subject: [KLQRP] FYBO 2004

Hi Gang,

I finally got settled down from the wedding plans for my son this week. It will be nice when the ceremony is finished and we can go back to some sort of sanity here at the house.

I tallied up the score and this is the best I can figure for what we did last Saturday for the FYBO.

We worked 37 QSO's and 25 SPC's.

Figuring the multipliers and all we got a total of 97,800 points and that was with the lowest temp of 38 degrees.

There were four ops there at the site and we played heck on the bands. Little did we know all the time we spent on the 20 meter band, when it was open, we had an open in the transmission line and the antenna would tune, detune, etc.... We were actually running a dummy load on 20 for a while.

We finally figured it out and got on the 20 meter band with a good antenna and that worked.

We started late trying to set up the antennas by about 10 minutes and had to quit early. We had a miscommunication with one person and we were not sure we were staying for the night and packed it in early. It was cold sitting at the park bench when the sun went in. The park closed at 6pm and we had to get out of there before the gate was locked up. It was so cold we really did not care anyway!

We did have plenty of guests to visit us at the site (12) and we had the four operators so we had a large turnout for the short event.

Ops for the WQ4RP group were: AA4XX/Paul, AB4PP/JohnPaul, N3DRK/John and WA4NID/Dave.

We used a logging program for a short time but when the sun came out we learned we could not see the screen so we decided to use the old standby, paper logging. We then had the problem of people telling us we had dupes..... But, we did not care!

We learned a lot from the antenna problem and will be better prepared for the next event as a result. In that respect, we were very fortunate to have competed in the contest.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
"Sir Scribemeister" of the Knightlites

<http://www.knightlites.org>

"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Date: Fri, 13 Feb 2004 09:53:06 -0500
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "W2IOL" <w2iol@arrl.net>
Subject: [167877] WebEE Electrical Engineering
Message-ID: <001201c3f241\$192420e0\$21c62841@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Some folks may be aware of this site
which was referenced on the slide rule list.
It looks very interesting.

WebEE Electrical Engineering=20

<http://www.web-ee.com/index.htm>

Schematics, Tutorials, Design Tools,
Online Calculators, Offline Simulators/Emulators,
Links to other stuff...

Online calculators include:
HP25, Active Filter Design, Scientific Calculator
Unit Conversion, Calculus, Resistor Color Code Calculator, ...

Offline Simulators/Emulators:
HP41C, slide rule, abacus, RPN Engineering calculator,=20
RPN Palm calculator, ...

Have fun.

Cheers, 73,

Ron McConnell

w2iol@arrl.net

=20

N 40=BA 46' 57.9" W 74=BA 41' 21.9"

FN20ps77GV75 per w2iol

or FN20ps77GU46 per K2RIW=20

=20

<http://home.earthlink.net/~rcmcc>

Date: Fri, 13 Feb 2004 10:07:59 -0500

From: "Goody K3NG" <k3ng@qrpis.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [167878] Re: BPL - call me Pollyanna

Message-ID: <002801c3f243\$2bd44c90\$33c893cd@corp.fast.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I look at it this way, the FCC (or one Commissioner) called the interference "unproven" and no reason to stop BPL. He said this despite several computer models showing the interference potential and field measurements.

Conversely, the FCC then promotes unproven adaptive technologies as a solution to interference mitigation. Common sense thinking about this shows that it's unlikely it will prevent the problems we foresee. What makes this even worse is that they met with a BPL vendor around the end of January discussing adaptive technologies. <conspiracy theory> Coincidence ? I think not :-)

The FCC ignored 5000 comments against BPL and didn't wait until the NTIA released their test results. This speaks volumes. The FCC will do whatever it wants and will follow the money, regardless of public outcry. We saw it happen with media ownership.

The sky's not falling but it's getting rather dark and windy and there's a storm on the horizon.

Goody

----- Original Message -----

From: "Noyce, Bill" <william.noyce@hp.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, February 13, 2004 08:59

Subject: RE: BPL - call me Pollyanna

> > And, looking at this list, it appears that a large majority of folks
> don't
> > really care....
>
> I filed comments a few months ago...
>
> I haven't listened to the proceedings, and AFAIK the NPRM isn't yet
> available. But looking at the ARRL's own summary, it seems like the
> actions are:
> - some kind of change in the way radiation from carrier-current
> systems
> will be measured. (ARRL had asked for a change; it's not clear
> whether the proposal moves toward or away from ARRL's position.)
> - a requirement that BPL operators be able to selectively turn off
> parts of the system or notch out certain bands.
> - a requirement that BPL systems transmit identification of some kind.
> - reaffirmation that Part 15 devices must avoid interfering with
> licensed services, or else shut down entirely (regardless of
> whether their emissions are within the measurement limits).
>
> Frankly, I don't see any evidence that the sky is falling.
> Can someone explain what I'm missing?
> -- Bill
>

Date: Fri, 13 Feb 2004 10:26:45 -0500
From: "Dale Anderson \ (KB0VCC\)" <KB0VCC@Adelphia.Net>
To: <qrp-l@Lehigh.EDU>
Subject: [167879] RF Exposure Compliance...
Message-ID: <000501c3f245\$ca4153d0\$6501a8c0@HPNNotebook>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

I've a quick question....

When determining the controlled and uncontrolled distances from an antenna, are we just concerned with the antenna itself, or the "antenna system." Specifically, if I have a vertical fed at the base, with radials

spreading out in 360 degrees, buried 6" down, are the radials considered part of the antenna? That is, if the safe distance is determined to be 3 feet, does that include 3 feet from the radials as well? We're talking AC here, even if it is at RF, right? Therefore, the radials must radiate.

I've checked out the ARRL's site as well as the FCC's info on the subject, but neither seems to mention exposure from radials. Anyone know the facts or better yet, direct me to a reference that addresses this specifically?

Tnx es 72/73,
Dale

```
=====
Dale Anderson, KB0VCC      In the Mt Washington Valley
QRP-L #91 / QRP-NE #600    Conway, New Hampshire
ARS #234 / FISTS #3172     Grid Sq: FN43kx
CQC #251 / QRP-ARCI #11446 http://www.qsl.net/kb0vcc
```

Date: Fri, 13 Feb 2004 10:42:47 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [167880] WTB DDS daughtercard
Message-ID: <Pine.LNX.4.33.0402131040460.29900-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Do you have a DDS daughtercard and AD9850 that you decided not to build?
I will buy it for what you paid.

73,

Jim n2go

Date: Fri, 13 Feb 2004 09:46:43 -0600
From: "Brockwell, Stephen E. CECOM SEC FSSE GPI"
 <steve.brockwell@us.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [167881] Rainbow tuner for 2004?
Message-ID: <04Feb13.094001cst.115235@bc143956.fssec.army.mil>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Has the Rainbow tuner been offered for 2004 by the AMQRP or NJQRP clubs?

Just wondering cause I kept missing it in the past. I've got a BLT tuner but then you can't have too many right?

Steve
KC5TTY

Date: Fri, 13 Feb 2004 08:42:18 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [167882] AmQRP Tin Ear Receiver
Message-ID: <016901c3f250\$57e2e960\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, we are ready to accept orders for the newest AmQRP Club kit, the Tin Ear Receiver. The Tin Ear is a simple direct conversion receiver designed by Wayne McFee, NB6M with full band coverage of the 40 meter band, and more. The kit sells for \$30 plus shipping and handling depending on your location, and comes with all parts, a first quality pc board that is silkscreened, soldermasked and plated through. There are no IC's. The kit is complete with custom case made from .063 aluminum that is 3" x 3" x 1.625" and is drilled. We provide all of the connectors, controls and knobs. All that you will need is a soldering iron, solder, and a small amount of 5 minute epoxy for the coil. There is one coil to wind, and one toroid. The controls are: Main Tuning, RF Gain, On-Off switch and the connectors are BNC for the antenna, 1/8" Stereo plug for walkman style headphones. The receiver will tune CW, AM and SSB signals. The power supply is an internal 9V battery.

This is an easy kit to build, and a fun one to operate. It is aimed at the beginner, yet we feel that the average QRP builder will enjoy the kit too. The manual is on CD rom and contains step by step instructions.

So, how do you order this kit? First, since this is a limited run kit, we ask that you send an email to Paul Maciel at ak1p@amqrp.org to get a confirmation number to order. Then, go to the www.amqrp.org web page and click on the kits button, scroll down to the NorCal kits section, and click on Tin Ear Receiver. There you will find all of the ordering information for ordering by paypal or snail mail. Thanks in advance for your support.
72, Doug

Date: Fri, 13 Feb 2004 11:45:02 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [167883] Re: Rainbow tuner for 2004?
Message-ID: <402CFF0E.3010907@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Check here:

http://www.njqrp.org/Rainbow/rb_status.html

As you can see, it probably won't be more than 6 months or so.

John W2AGN

Date: Fri, 13 Feb 2004 11:43:01 -0500
From: George Murphy <ve3erp@encode.com>
To: qrp-L@lehigh.edu
Subject: [167884] HAMCALC
Message-ID: <5.2.1.1.0.20040213113710.009f5920@mail.encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Recently issued HamCalc70 can be downloaded free from
<www.cq-amateur-radio.com>.
For details e-mail me direct - <ve3erp@encode.com>.

Murph, VE3ERP - the HamCalc Guy

[This E-mail scanned for viruses by Declude Virus]

Date: Fri, 13 Feb 2004 09:21:26 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [167885] Tin Ear Receiver Addendum
Message-ID: <018501c3f255\$cfb392a0\$4a0b0d0a@dph.dpol.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I forgot to add that the shipping date for the Tin Ear Receiver kit will be targeted for March 15th. Also, if you want to see a photo of the prototype go to www.amqrp.org and go to the kits section. 72, Doug

Date: Fri, 13 Feb 2004 11:29:13 -0600
From: <k6whp@verizon.net>
To: <qrp-1@Lehigh.EDU>
Subject: [167886] OT: Calipers and Micrometers
Message-ID: <20040213172913.RNVT25581.out001.verizon.net@outgoing.verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I am sorry for the OT subject here, but I have been all over the internet (even eBay) and can't seem to find a good source for micrometers and calipers. What I am looking for is an instrument which will measure, simply put, metal cylinders and the *inside* of metal tubes.

We're not talking drainage pipes here, just 0.1 inch through 2.0 inches maximum. Dial gauges are fine; digital is even better.

A URL, company name, store name, anything would be welcome.

Sincere thanks,

Bill, k6whp

Date: Fri, 13 Feb 2004 12:35:52 -0500
From: Jack e wigal <kr8z1@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [167887] WTB WM-75
Message-ID: <20040213.123552.-796099.3.kr8z1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Would like to buy White Mountain 75 QRP SSB kit from Small Wonder Labs.
Prefer unbuilt, but will consider any. Pse reply off line. Jack, KR8Z

Date: Fri, 13 Feb 2004 09:43:47 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: "Dale Anderson (KB0VCC)" <KB0VCC@Adelphia.Net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [167888] Re: RF Exposure Compliance...
Message-ID: <8033623.1076694227480.JavaMail.thenels@gomailjtp05>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 7bit

Hi Dale,

There is an excellent (and interesting) discussion about EMF in chapter 1 or the ARRL antenna Book (mine is the 19th edition).

In chapter 3 there is a discussion on the effects of ground in the near field. The one sentence that caught my eye was "The basic function of radials is to provide a low-loss return path for the ground currents." which would indicate that the ground does not radiate RF. Further reading in the section about the effects of ground in the far field indicate that only the vertical portion of the antenna is radiating and that the conductivity of the ground effects the radiation angle from the vertical element.

I don't think the book gives a specific answer to your question, but they do make a reference to an ARRL book called "Exposure and You". They do, however, give some pretty good guidelines.

Also, I'm not sure if you checked out this particular page on the ARRL's site on RF exposure, but here it is:
<http://www.arrl.org/news/rfsafety/>

I hope this helps,

Nelson Winter
WB6DWD

-----Original Message-----

From: "Dale Anderson (KB0VCC)" <KB0VCC@Adelphia.Net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Fri Feb 13 07:26:45 PST 2004
Subject: RF Exposure Compliance...

>
>Hey Gang,
>
>I've a quick question....
>
>When determining the controlled and uncontrolled distances from an
>antenna, are we just concerned with the antenna itself, or the "antenna
>system." Specifically, if I have a vertical fed at the base, with radials
>spreading out in 360 degrees, buried 6" down, are the radials considered
>part of the antenna? That is, if the safe distance is determined to be
>3 feet, does that include 3 feet from the radials as well? We're talking
>AC here, even if it is at RF, right? Therefore, the radials must radiate.
>
>I've checked out the ARRL's site as well as the FCC's info on the
>subject, but neither seems to mention exposure from radials. Anyone
>know the facts or better yet, direct me to a reference that addresses
>this specifically?
>
>Tnx es 72/73,
>Dale
>=====

> Dale Anderson, KB0VCC	In the Mt Washington Valley
> QRP-L #91 / QRP-NE #600	Conway, New Hampshire
> ARS #234 / FISTS #3172	Grid Sq: FN43kx
> CQC #251 / QRP-ARCI #11446	http://www.qsl.net/kb0vcc

>
>

Check-out GO.com
GO get your free GO E-Mail account with expanded storage of 6 MB!
<http://mail.go.com>

Date: Fri, 13 Feb 2004 09:51:31 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [167889] Re: OT: Calipers and Micrometers
Message-ID: <018f01c3f25a\$037b5a60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill, try Harbor Freight or Enco. Good luck, Doug

Date: Fri, 13 Feb 2004 13:10:32 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: len@infinet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [167890] Re: / QRP Question
Message-ID: <402D1318.201C2FB3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

It is mostly used to flatter your ego. You should be able to make any contact you want just by signing your call, like normal hams do. If you are hanging around the QRP calling frequencies it will usually be assumed you're QRP. If you are other places on the bands, save your power for later, like a surprise.

73

> Remember some debate a while ago about signing /qrp at the end of your
> cw call.
?

Date: Fri, 13 Feb 2004 10:18:31 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: k6whp@verizon.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167891] Re: OT: Calipers and Micrometers
Message-ID: <20040213181831.9365.qmail@web60502.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Bill,

I was in Home Depot the other day and noticed small calipers and mics in there tool department. They were small for machine use and may be what you need!
Another source may be Sears on line.

Hope this helps

72

Bob

KB2FEL

<http://www.geocities.com/kb2fel/kb2felqrp.html>

--- k6whp@verizon.net wrote:

> I am sorry for the OT subject here, but I have been
> all
> over the internet (even eBay) and can't seem to find
> a
> good source for micrometers and calipers. What I am
> looking for is an instrument which will measure,
> simply
> put, metal cylinders and the *inside* of metal
> tubes.
>
> We're not talking drainage pipes here, just 0.1 inch
>
> through 2.0 inches maximum. Dial gauges are fine;
> digital
> is even better.
>
> A URL, company name, store name, anything would be
> welcome.
>
> Sincere thanks,
>
> Bill, k6whp
>
>

Do you Yahoo!?

Yahoo! Finance: Get your refund fast by filing online.

<http://taxes.yahoo.com/filing.html>

Date: Fri, 13 Feb 2004 13:23:40 -0500

From: Ed Tanton <n4xy@earthlink.net>

To: k6whp@verizon.net, QRP-L <qrp-l@lehigh.edu>

Subject: [167892] Re: OT: Calipers and Micrometers

Message-ID: <6.0.3.0.2.20040213132030.01d06c00@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Bill... take a look at MicroMark: <<http://www.micromark.com/>> and Small Parts, Inc. <<http://www.smallparts.com/>> . Both sell such tools.

///
...source for micrometers and calipers.
///

>Bill, k6whp

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 13 Feb 2004 13:23:02 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: JimLarsen2002@alaska.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [167893] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
Message-ID: <402D1606.7EC5FED1@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Geez,

You guys got a gem there. She knows what radio is and what it can do for her constituents. Does she have a sister available for election in Maryland?

73

> This is the response I received from Alaska Senator Lisa Murkowski.

>

> =====

> United States Senate

> Washington, DC 20510-0203

> (202)224-6665

> (202)224-5301 FAX

>

> January 21, 2004

>

> Mr. James Larsen

> 3445 Spinnaker Drive

> Anchorage, Alaska 99516

>

> Dear James:

>

> Thank you for visiting the Congressional Delegation's booth at the
> State Fair in Palmer this past August and communicating your concerns about
> Broadband Over Power Line (BPL) issues.

>

> Radio has played a vital part of Alaska's history, and because of
> Alaska's unique topography, radio remains an asset to Alaskans, Alaska's
> emergency response, and our military. Ensuring amateur radio operators'
> ability to transmit and receive broadcasts over ham bandwidths, including
> high-frequency and short-wave, without additional frequency interference
> caused by potential transmissions over power lines is an issue the Federal
> Communication Commission (FCC) must take into account. The National
> Telecommunications and Information Administration is expected to come out with
> its first report on BPL emissions this winter to address local interference
> problems and recommend emission limits and compliance measurement procedures.

>

> Additionally, legislation was introduced in the Senate to ensure
> continued broadband access for amateur radio operators. S.537, the Amateur
> Radio Spectrum Protection Act, would protect radio operators as radio
> technology develops. S.537 would prohibit the FCC from decreasing or
> reallocating bandwidth with regard to amateur radio and amateur satellite
> services unless equivalent replacements are provided. Should additional
> legislation related to BPL and transmission noise be considered, I will keep

> your thoughts in mind.
>
> I have included a CD ROM about the current issues of amateur radio
> which I hope will be of interest to you. Again, thank you for contacting me.
>
> Sincerely,
>
> Lisa Murkowski
> United States Senator
>
> =====
>
> 73, Jim
> --
> Jim Larsen, AL7FS
> Anchorage, Alaska
> <http://www.qsl.net/al7fs>
> Join Anchorage ARC: <http://www.KL7AA.org>

Date: Fri, 13 Feb 2004 10:31:19 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <k6whp@verizon.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [167894] Re: Calipers and Micrometers
Message-ID: <000901c3f25f\$93777400\$d6c13542@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I purchased some nice brass calipers from Sears in their tool section a couple years ago. They were made in Germany and carry the brand name "HEMPE." I think I paid \$14 or so. They work well for me.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

----- Original Message -----
From: <k6whp@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, February 13, 2004 9:29 AM
Subject: OT: Calipers and Micrometers

> I am sorry for the OT subject here, but I have been all
> over the internet (even eBay) and can't seem to find a
> good source for micrometers and calipers. What I am
> looking for is an instrument which will measure, simply
> put, metal cylinders and the *inside* of metal tubes.
>
> We're not talking drainage pipes here, just 0.1 inch
> through 2.0 inches maximum. Dial gauges are fine; digital
> is even better.
>
> A URL, company name, store name, anything would be welcome.
>
> Sincere thanks,
>
> Bill, k6whp
>
>
>

Date: Fri, 13 Feb 2004 12:35:49 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: k6whp@verizon.net, qrp-l@lehigh.edu
Subject: [167895] Calipers and Micrometers [Small Parts Inc.]
Message-ID: <3.0.2.32.20040213123549.0083fbf0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bill,

Here's a really good source of quality QRP tools... [g]

Small Parts Inc.

<http://www.smallparts.com>

Digital and Dial Calipers and standard Micrometers -- not cheap.

Harbor Freight has some stuff but usually sub standard quality in my opinion.

>I am sorry for the OT subject here, but I have been all
>over the internet (even eBay) and can't seem to find a
>good source for micrometers and calipers. What I am
>looking for is an instrument which will measure, simply
>put, metal cylinders and the *inside* of metal tubes.
>

>We're not talking drainage pipes here, just 0.1 inch
>through 2.0 inches maximum. Dial gauges are fine; digital
>is even better.
>
>A URL, company name, store name, anything would be welcome.
>
>Sincere thanks,
>
>Bill, k6whp
>
>
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Fri, 13 Feb 2004 12:41:11 -0600
From: "George, W5YR" <w5yr@att.net>
To: <KB0VCC@Adelphia.Net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [167896] Re: RF Exposure Compliance...
Message-ID: <00fe01c3f260\$f4686390\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dale, the radiation obtained from radials is highly dependent upon how many are used and how they are located.

Buried 6" deep, the likelihood of measurable radiation borders upon zero due to losses in the ground material. Laid on top of the ground or "buried" an inch under the turf, some radiation is possible.

But, if the radials are symmetrically deployed and enough are used, the radiation from each radial is cancelled by radiation from others and the net radiation approaches zero again.

An elevated vertical with "tuned" elevated radials can go either way. If the radials are symmetrically deployed and are truly balanced - equal currents in each, etc. - then again their individual radiation fields are largely cancelled and radiation is minor. It must be measured in each case or modeled to get an idea of how well the radial field is being cancelled.

The worst case is for one or two radials to be tossed out on the ground. A little modeling quickly shows that significant radiation can occur even when the two radials are diametrically opposite one another and presumable have equal currents.

So, those are a few observations about radials. The literature does not tend to treat the usual amateur application of verticals with less than optimum radial fields, so it usually boils down to either burying the radials deep enough to ensure that they do not radiate (and possibly lessening their effectiveness if buried too deep) and using enough radials symmetrically deployed such that the likelihood of their radiation much is minimized.

My own Butternut HF-9V installation uses 18 radials equally spaced around the base. It performs very well and input impedance measurements suggest only small ground loss.

Hope this helps a little . . .

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Dale Anderson (KB0VCC)" <KB0VCC@Adelphia.Net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, February 13, 2004 9:26 AM
Subject: RF Exposure Compliance...

>
> Hey Gang,
>
> I've a quick question....
>
> When determining the controlled and uncontrolled distances from an
> antenna, are we just concerned with the antenna itself, or the "antenna
> system." Specifically, if I have a vertical fed at the base, with
radials
> spreading out in 360 degrees, buried 6" down, are the radials considered
> part of the antenna? That is, if the safe distance is determined to be
> 3 feet, does that include 3 feet from the radials as well? We're talking
> AC here, even if it is at RF, right? Therefore, the radials must radiate.
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> subject, but neither seems to mention exposure from radials. Anyone
> know the facts or better yet, direct me to a reference that addresses
> this specifically?

>
> Tnx es 72/73,
> Dale
> =====
> Dale Anderson, KB0VCC In the Mt Washington Valley
> QRP-L #91 / QRP-NE #600 Conway, New Hampshire
> ARS #234 / FISTS #3172 Grid Sq: FN43kx
> CQC #251 / QRP-ARCI #11446 <http://www.qsl.net/kb0vcc>
>
>

Date: Fri, 13 Feb 2004 13:40:36 -0500
From: Steve Lawrence <Steve.Lawrence@ITWFEG.COM>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [167897] Fiberglass Poles for Antennas
Message-ID: <0FC21B5EEE.2A3FF9E1-0N85256E39.0065FE43-85256E39.00669814@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Group...

Has anyone ever assembled a "comprehensive" list of the various poles of this nature (telescoping,etc.), along with their specifications? I'm interested in comparing the following:

- make/model
- source
- price
- collapsed length
- extended length
- base external diameter
- tip diameter
- weight
- and maybe something esoteric like "deflection from horizontal

with a 1oz weight at the tip"....

Does such a listing exist? Where? If not, would it be useful?

TIA,
Steve
aa8af

Date: Fri, 13 Feb 2004 13:47:16 -0500
From: Michael Neverdosky <mikenever@earthlink.net>

To: k6whp@verizon.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [167898] Re: OT: Calipers and Micrometers
Message-ID: <402D1BB4.DD9AAD16@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I like MSC Industrial Supply Co.
<http://www.mscdirect.com/>

They will send you a BIG catalog or a CD or both.

michael N6CHV

k6whp@verizon.net wrote:

>
> I am sorry for the OT subject here, but I have been all
> over the internet (even eBay) and can't seem to find a
> good source for micrometers and calipers. What I am
> looking for is an instrument which will measure, simply
> put, metal cylinders and the *inside* of metal tubes.
>
> We're not talking drainage pipes here, just 0.1 inch
> through 2.0 inches maximum. Dial gauges are fine; digital
> is even better.
>
> A URL, company name, store name, anything would be welcome.
>
> Sincere thanks,
>
> Bill, k6whp

Date: Fri, 13 Feb 2004 11:51:23 -0700
From: "Jim Kjar" <jrkjar@eDirectLink.com>
To: <na4fm-list@towncorp.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [167899] Re: Telescopic Poles -- Another Source
Message-ID: <000701c3f262\$60f6ce10\$0201fea9@computer2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another source for telescopic poles: snapupportablemast.com
I have used one of the 26' poles for several years. This company also made

a 3 el yagi for 30meters for me..

Jim W0CML

----- Original Message -----

From: "NA4FM (Buck)" <na4fm-list@towncorp.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, February 12, 2004 11:24 PM

Subject: RE: Telescopic Poles -- Another Source

> Thanks for the source. There are a couple of poles I am interested in
> myself. I purchased a 16' South Bend Crappie Pole for ~\$18.00-\$20.00
> the other day from Walmart. I see them in several stores. I talked to
> one of the sales staff and she said I was the second person this week
> that bought a crappie pole for antennas. Lol

>

> Thanks again,

>

> Hopefully Walmart will be useful info for someone.

>

> Buck

>

> > -----Original Message-----

> > From: Chuck Carpenter [mailto:w5usj@9plus.net]

> > Sent: Thursday, February 12, 2004 5:00 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: Telescopic Poles -- Another Source

> >

> >

> > Got the latest catalog from IntoTheWind kite folks.

> >

> > On page 72 they are showing a variety of telescopic poles in
> > two strengths, flexible and heavy duty. The materials are
> > brown and black fiberglass and collapse to about 4 ft.

> >

> > They show 4 lengths of flexible at 10, 13, 16 and 19 ft
> > priced at \$15, \$18, \$20 and \$26 respectively.

> >

> > The heavy duty poles are in lengths of 10, 13, 16, 19 and 22
> > ft priced at \$20, \$25, \$29, \$39 and \$49 respectively.

> >

> > You probably can find them on their website too --

> <http://www.IntoTheWind.com>

>

> I've experienced good service from them with web purchases of fiberglass
> kite spars that I used for V/UHF quad spreaders.

>

>

> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57 Zombie
> #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>
>
>
>

Date: Fri, 13 Feb 2004 13:49:45 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jsielke@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [167900] Re: No more QRP column in QST?
Message-ID: <402D1C49.FE21185E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

It is my understanding (was my experience 18 years ago) that Japanese novices had the full spectrum of rigs available to them. Why would Yaesu or Icom introduce new rigs aimed at that market alone. Also QRP is not only an American interest.

73

>
> Not at all. We are a small secondary market for those rigs. Their
> primary market is the Japanese "Novice" who is limited to 10 watts on HF
> (no code, incidentally, which is probably why those rigs don't have
> decent QSK, etc.)
>
> John W2AGN

Date: Fri, 13 Feb 2004 11:17:37 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [167901] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
Message-ID: <20040213191737.GB701@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ah, if we only had 99 more like that!

On Fri, Feb 13, 2004 at 01:23:02PM -0500, Bruce Muscolino wrote:

> Geez,

>

> You guys got a gem there. She knows what radio is and what it can do
> for her constituents. Does she have a sister available for election in
> Maryland?

>

> 73

> > This is the response I received from Alaska Senator Lisa Murkowski.

> >

> > =====

> > United States Senate

> > Washington, DC 20510-0203

> > (202)224-6665

> > (202)224-5301 FAX

> >

> > January 21, 2004

> >

> > Mr. James Larsen

> > 3445 Spinnaker Drive

> > Anchorage, Alaska 99516

> >

> > Dear James:

> >

> > Thank you for visiting the Congressional Delegation's booth at the
> > State Fair in Palmer this past August and communicating your concerns about
> > Broadband Over Power Line (BPL) issues.

> >

> > Radio has played a vital part of Alaska's history, and because of
> > Alaska's unique topography, radio remains an asset to Alaskans, Alaska's
> > emergency response, and our military. Ensuring amateur radio operators'
> > ability to transmit and receive broadcasts over ham bandwidths, including
> > high-frequency and short-wave, without additional frequency interference
> > caused by potential transmissions over power lines is an issue the Federal
> > Communication Commission (FCC) must take into account. The National
> > Telecommunications and Information Administration is expected to come out with
> > its first report on BPL emissions this winter to address local interference
> > problems and recommend emission limits and compliance measurement procedures.

> >

> > Additionally, legislation was introduced in the Senate to ensure
> > continued broadband access for amateur radio operators. S.537, the Amateur
> > Radio Spectrum Protection Act, would protect radio operators as radio
> > technology develops. S.537 would prohibit the FCC from decreasing or
> > reallocating bandwidth with regard to amateur radio and amateur satellite
> > services unless equivalent replacements are provided. Should additional
> > legislation related to BPL and transmission noise be considered, I will keep

> > your thoughts in mind.
> >
> > I have included a CD ROM about the current issues of amateur radio
> > which I hope will be of interest to you. Again, thank you for contacting me.
> >
> > Sincerely,
> >
> > Lisa Murkowski
> > United States Senator
> >
> > =====
> >
> > 73, Jim
> > --
> > Jim Larsen, AL7FS
> > Anchorage, Alaska
> > <http://www.qsl.net/al7fs>
> > Join Anchorage ARC: <http://www.KL7AA.org>
>

Date: Fri, 13 Feb 2004 14:20:14 -0500
From: John Sielke <jsielke@pobox.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [167902] Re: No more QRP column in QST?
Message-ID: <200402131420.14997.jsielke@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Friday 13 February 2004 13:49, Bruce Muscolino wrote:

> John,
>
> It is my understanding (was my experience 18 years ago) that Japanese
> novices had the full spectrum of rigs available to them. Why would
> Yaesu or Icom introduce new rigs aimed at that market alone. Also QRP
> is not only an American interest.

If you mean by "full spectrum," 10 watt versions of most rigs, you are correct. Someone said they even made a 10 watt IC-781! But really, the IC-703 is a 10 watt IC-706. The only "pure" qrp rig is the FT-817. I agree, about QRP not being solely an American interest. Most countries that have a "Novice" or "Beginner" (I think in the UK it's called "Foundation?") also have a 10 watt or so power limit. Hopefully, if our new "Novice" becomes

reality, that will also be the case. Then you will really see a bunch of new QRP rigs hit the market. Unfortunately, they will probably be without CW.

John W2AGN

Date: Fri, 13 Feb 2004 13:41:47 -0600
From: <k6whp@verizon.net>
To: <qrp-1@Lehigh.edu>
Subject: [167903] Re: OT: Calipers and Micrometers
Message-ID: <20040213194147.TKKV25581.out001.verizon.net@outgoing.verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

My thanks to the many suggestions. In this case it it helped considerably; I was about to drop a lot of money on a set of calipers that were more than I needed and much more than I could afford..

..now, I can spend my money on more sensible things, like radios, etc.

72,

Bill, k6whp

Date: Fri, 13 Feb 2004 15:08:58 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [167904] Re: AL7FS receives BPL response from Alaska Senator Lisa Murkowski
Message-ID: <004701c3f26d\$37c1a320\$86d24b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmmm.....Murkowski Makowski... I wonder if she could be a long lost relative of mine!

73 de Larry Makowski W2LJ - Vivat Morse!

W2LJ@arrl.net
http://www.qsl.net/w2lj

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Fri, 13 Feb 2004 15:05:48 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [167905] Re: BPL Loss !!!
Message-ID: <00c501c3f26c\$c7253500\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

can you post a link?

patrick...kb8rtz...

----- Original Message -----
From: "tk" <gamach1@ispwest.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 13, 2004 7:48 AM
Subject: BPL Loss !!!

> Today's Atlanta Constitution (FRIDAY the 13th !!) has an article on
> Powell's BPL
> that says the HF radio community has lost !!!
>
> Ted in Atlanta KD4EE

Date: Fri, 13 Feb 2004 14:02:26 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w1vt@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [167906] Re: No more QRP column in QST?
Message-ID: <402D1F42.9112A405@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Zack.

I was glad to help you with a decidedly positive expenditure. I hope you will hang on to my donuts until I can come up!

73

>
> As our contribution to QRP last year,
> we spent \$40 on coffee, donuts and OJ, and opened
> up the doors of ARRL HQ for the August 2003 QRP
> New England club meeting.
>
> Zack W1VT + Mary N1VH

Date: Fri, 13 Feb 2004 13:02:15 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [167907] Re: DX Fox Hunt Needed ??
Message-ID: <20040213210215.20576.qmail@web60803.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In brief --

(1) There should be no broadcast QRM to the high fox as BC is not authorized below 7100. But yes we do compete with SSB QRM which is authorized in many countries, because they don't have ham spectrum above 7100.

(2) I was merely suggesting we consider something to allow our DX friends a chance to be a FOX in some kind of operating event. I prefer not to organize myself but defer to consensus of community leaders who already manage a fine program! While I make lots of QRP QSO's with Europe on 40m with a modest antenna, I admit I am closer to them than many on the list. I suspect some Foxes calling from Europe would have a big pile-up if we knew to look for them!

curt wb8yyy

```
--- Karl Larsen <k5di@zianet.com> wrote:
> On Wed, 11 Feb 2004, Curt Milton wrote:
>
> > We should consider an international event where
> some
> > folk in Europe - maybe as many as want to call CQ
> has
> > foxes, and those of us in NA work them as hounds.
> > More Eu ops will thin the pile-ups, and as the
> east
> > coast is thinned out they should be able to work
> folk
> > further west. Only problem is our friends to the
> east
> > of NA would have to stay up late!
>
> Worse than that is that the high Fox is in among
> broadcast
> stations in Europe. Wolf in Berlin tried to hear me
> K5DI last night but
> it was "awash" with QRM. So we would have to move
> down in frequency
> which has other problems.
>
>
>
> >
> > I think this is worth exploring to expand our
> horizons
> > beyond NA! We need to do this soon before nights
> get
> > too short!
> >
> > curt wb8yyy
> >
> > --- Wolf-Ruediger Juergens <WJuergens@t-online.de>
> > wrote:
> > > Tom Palmer <n1tp@swfla.rr.com> wrote:
> > >
> > > > Got Truffle at 0152 from N0JRN (Jerry in Mo.)
> > > > 1st pelt from K5DI (Karl in N.M.) at 0248 on
> > > > 7.042.
> > > > 2nd pelt from KV2X (Tom in N.Y.) at 0253 on
> > > > 7.037.50.
> > >
> > > Tom, KV2X, is weak here, rst 539 +QSB, but could
```

> be
> > > clear copied with my
> > > K2 and a 22m sloper.
> > >
> > > 72 Wolf, DL2WRJ
> >
> >
> > -----
> > Do you Yahoo!?
> > Yahoo! Finance: Get your refund fast by filing
> online.
> > <http://taxes.yahoo.com/filing.html>
> >
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az
> ScQRPions -
>

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Fri, 13 Feb 2004 16:33:50 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [167908] WTD: Supergainer converter PCB
Message-ID: <003c01c3f279\$122b5460\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would anybody have a converter PCB (and parts) for
George Dobb's 2000 version of the Supergainer? The receiver has three
PCB's: the converter, regenerative module, and the audio amp. For someone
only interested in receiving 6.0-6.5MHz, the converter would be superflous
to their needs (and critical to mine!). I'd like to build up an 80M
converter module for mine, it presently has a 20M module from the original
parts kit.

Thank you to anyone who might be able to help me out on this.

Howard Kraus, K2UD

Date: Fri, 13 Feb 2004 15:33:56 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: qrp-l@lehigh.edu
Subject: [167909] Re: No more QRP column in QST?
Message-ID: <402D42C4.9050900@jetnetinc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

John Sielke wrote:

>On Friday 13 February 2004 13:49, Bruce Muscolino wrote:

>

>

>>John,

>>

>>It os my understanding (was my experience 18 years ago) that Japanese
>>novices had the full spectrum of rigs available to them. Why would
>>Yaesu or Icom introduce new rigs aimed at that market alone. Also QRP
>>is not only an American interest.

>>

>>

>

>If you mean by "full spectrum," 10 watt versions of most rigs, you are
>correct. Someone said they even made a 10 watt IC-781! But really, the IC-703 is
a 10 watt IC-706. The only "pure" qrp rig is the FT-817. I agree, about QRP not
being solely an American interest. Most countries that have a "Novice" or
"Beginner" (I think in the UK it's called "Foundation?") also have a 10 watt or so
power limit. Hopefully, if our new "Novice" becomes reality, that will also be the
case. Then you will really see a bunch of new QRP rigs hit the market.
Unfortunately, they will probably be without CW.

>

>

Why wouldn't they have CW? With the relative complexity of the SSB
circuitry, they'd be bound to include a simple on/off carrier keying
circuit. The filtering might suck, and the QSK might not be worth a
crap, but they'd surely include it. Besides, they'd have a rig to try
to tap into that mighty "QRP Dollar."

--

72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmathery.com> <--- Not ham related!

Date: Fri, 13 Feb 2004 13:37:40 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Cc: <n2apb@amqrp.org>
Subject: [167910] Url for Tin Ear Receiver
Message-ID: <01f101c3f279\$9b0b9ce0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the receiver for the details on the new AmQRP Tin Ear Receiver.
Just click on this and it takes you right to it.

http://www.amqrp.org/kits/tin_ear

72, Doug

Date: Fri, 13 Feb 2004 16:35:49 -0500
From: William K Penhallegon <w4stx@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [167911] Homebrewer #2
Message-ID: <20040213.164815.-674869.2.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The USPS finally came through.
Today my Homebrewer #2 arrived in Clearwater, Florida.
Thanks American QRP Club
73.
Bill W4STX

End of QRP-L Digest 3195
